

Appl. No.: 10/631,907

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Page 3

Amendments to the Claims:

Claims 1-18 (canceled)

19. (original) A rivet comprising:
a shank having a head at one end thereof; and
wherein said shank and said head substantially comprise a grain structure having a grain size less than about 5 microns.

20. (original) A rivet according to Claim 19 wherein said shank and said head comprise a material selected from the group consisting of aluminum, an aluminum alloy, titanium, and a titanium alloy.

21. (original) A rivet according to Claim 19 wherein the end of said shank opposite said head is adapted to be upset to form a second head.

Claims 22-29 (canceled)

30. (new) A rivet according to Claim 19 wherein said shank and said head comprise a grain structure having a grain size between 3 microns and 5 microns.

31. (new) A rivet according to Claim 19 wherein said shank and said head comprise a refined grain structure formed by stirring with a friction stir welding probe.

32. (new) A rivet according to Claim 19 wherein said shank and said head comprise titanium.

33. (new) A rivet according to Claim 19 wherein said shank and said head comprise aluminum.

34. (new) A rivet according to Claim 19 wherein said shank and said head comprise AA 2195-T6 aluminum alloy.